

Appl. No. 09/683,237

AL initial characters typed by the user is displayed for user acceptance at 4612. In an embodiment, the suggested completion is displayed in a fashion that is distinct from the text that the user has typed. For example, if the user's text is shown in black, the completion will be shown in gray.

7. Pending paragraph number 485:

A1 After a word or phrase is accepted by a user (e.g., simply by clicking with a pointer thereon) in the user in popup window 4708 as indicated by arrow 4714, then feedback is provided to the user in the window 4704, as indicated by arrow 4716, that the word match was selected and copied into the target document with appropriate formatting and/or enrichment (e.g., links to other content) as shown at 4718. If the user decides to stop the auto-completion process, then the auto-completion process is terminated. Otherwise, additional word(s) may be offered to the user for user acceptance by selecting RE-RANK at 4720. The auto-completion process terminates if the user decides to do so by selecting 4722 or automatically if no new words are offered to the user (e.g., it loops back to the first word matched).

In the Claims:

Please amend claims 1, 3, 5-8, 10-11, and 13 as follows:

1. (Once Amended) A system for enriching a document, comprising:

AS a document editor for authoring the document;

a directed search service for (a) receiving input specifying a directed search while the document is authored with the document editor and (b) inserting the directed search in the document as a document service request; the directed search including search criteria and result parameters; the result parameters including information provider parameters, location parameters and form parameters; the information provider parameters identifying one or more information providers to perform the

Appl. No. 09/683,237

AS  
directed search and provide search results; the location parameters identifying where in the document the search results are to be inserted; and the form parameters specifying a form in which the search results are to be inserted into the document; and

a meta-document server for (i) performing the directed search specified in the document service request by querying the information providers specified in the result parameters of the directed search with the search criteria specified in the directed search and (ii) inserting the search results in the document using the location parameters and form parameters that identify the location and the form to insert the search results in the document.

AA  
3. (Once Amended) The system according to claim 1, wherein one form parameter specifies how frequently the directed search is to be performed wherein the meta-document server further comprises a scheduler for selecting the document service request at the specified frequency and for initiating and managing communication with the information providers specified in the result parameters of the directed search.

AB  
5. (Once Amended) The system according to claim 4, wherein the search criteria includes means for specifying information providers according to a user defined criteria.

6. (Once Amended) The system according to claim 1, wherein the meta-document server performs the directed search using the search criteria and the information provider parameters by fetching, filtering and summarizing the search results.

7. (Once Amended) The system according to claim 1, wherein the parameters of the directed search specified in the document service request are defined in the document using XML tags.

Appl. No. 09/683,237

A10

8. (Once Amended) A system for enriching a document, comprising:

a user interface for specifying a directed search while authoring a document,  
said user interface further comprising:

means for receiving input specifying search criteria of the directed search;

means for receiving input specifying result parameters; the result parameters including information provider parameters, location parameters and form parameters; the information provider parameters identifying one or more information providers to perform the directed search and provide search results; the location parameters identifying where in the document the search results are to be inserted; and the form parameters specifying a form in which the search results are to be inserted into the document; and

means for inserting the directed search in the document as a document service request; and

a meta-document server communicating with the user interface for carrying out the directed search specified in the document service by (i) querying the information providers specified in the result parameters of the directed search with the search criteria specified in the directed search and (ii) inserting the search results in the document using the location parameters and form parameters that identify the location and the form to insert the search results in the document.

A11

10. (Once Amended) The system according to claim 8, wherein the directed search parameters of the directed search are defined in the document using XML tags.

11. (Once Amended) The system according to claim 10, wherein the meta-document server performs the directed search by fetching, filtering, and summarizing the search results.

Appl. No. 09/683,237

A12

13. (Once Amended) The system according to claim 12, wherein the form parameters specify how frequently the directed search is to be performed, and wherein the meta-document server further comprises a scheduler for selecting the document service request at the specified frequency and for initiating and managing communication with the information providers specified in the result parameters of the directed search.

Please add claims 21-23 as follows:

A13

21. (New) A method for enriching a document, comprising:

authoring the document with a document editor;

receiving user input specifying a directed search while the document is authored with the document editor; the directed search including search criteria and result parameters; the result parameters including, location parameters and form parameters; the information provider parameters identifying one or more information providers to perform the directed search and provide search results; the location parameters identifying where in the document the search results are to be inserted; and the form parameters specifying a form in which the search results are to be inserted into the document;

inserting the directed search in the document as a document service request;

performing the directed search by using the search criteria and the information provider parameters specified in the directed search to acquire search results; and

inserting the search results in the document using the location parameters and the form parameters.

22. (New) The method according to claim 21, wherein said performing further comprises:

performing the directed search at a frequency specified in a form parameter; and

performing the directed search using the search criteria and the information